


# DELIVERY NOTE WP

**DELIVER TO:**

GALAXY AEROSPACE (M) SDN. BHD.  
CAMO DEPARTMENT  
Lot 11, MRO Centre,  
Malaysia International Aerospace Centre,  
Sultan Abdul Aziz Shah Airport,  
47200 Subang, Selangor  
Malaysia.  
Attn: Zaty Nadhira binti Mohamed Zuhari

DN NUMBER: GAM/DN/23/143  
OUR REFERENCE: 9M-BOB-16715  
WO REFERENCE: 2023-16715  
DATE COMPLETION: 18 SEPT 2023  
AJL NUMBER: 000121

| A/C DETAILS   |                                   |                 |   |          |             |    |      |      |
|---|-----------------------------------|-----------------|---|----------|-------------|----|------|------|
| A/C TYPE  | AW139                             | A/C REG         | 9M-BOB  | A/C S/N  | 11212       |    |      |      |
| OWNER / OPERATOR  | FIRE AND RESCUE DEPT. OF MALAYSIA | A/C TOTAL TIME  | 3846:27   | LANDINGS | 4454        |    |      |      |
| ENGINE #1 S/N   | PCE-BC0308                        | T.S.N           | 1071:17   | T.S.O    | -           |    |      |      |
| ENGINE #2 S/N   | PCE-BC0358                        | T.S.N           | 3049:57   | T.S.O    | -           |    |      |      |
| LIST OF TASKS PERFORMED   | WP NUMBER                         | NUMBER OF PAGES |   |          |             |    |      |      |
|   |                                   | *WS             | *PR   | *TR      | *ARC        | *S | *SBC | *OTH |
| EASA AD 2023-0105 ASB 109EP-180 PART 1 ATA 64 – TR HOUSING AND SLIDER GROUP DISASSEMBLY AND REASSEMBLY              | -001                              | 2               | 1   | 1        | 5           | 4  | 1    | -    |
|   |                                   |                 |   |          |             |    |      |      |
|   |                                   |                 |   |          |             |    |      |      |
|   |                                   |                 |   |          |             |    |      |      |
| *THIS IS TO CERTIFY THAT TASKS LISTED ABOVE HAS BEEN ACCOMPLISHED AS PER PO/WORK ORDER/SERVICE ORDER NO. 1AS ABOVE. |                                   |                 |   |          |             |    |      |      |
| NAME  | NURUL AMIRA                       | SIGNATURE       |                | DATE     | 02 OCT 2023 |    |      |      |
| VERIFIED AND ACCEPTED BY  |                                   |                 | NUR HUSNINA BINTI MUHAMAD ZURAI DI<br>CAMO Planner<br>Galaxy Aerospace (M) Sdn Bhd<br>(1040262-D) |          |             |    |      |      |
| DATE  |                                   |                 | 11 OCT 2023   |          |             |    |      |      |

- \*WS – WORKSHEET
- \*PR – PART REPORT
- \*ARC – AUTHORISED RELEASE CERTIFICATE
- \*S – SERVICEABLE LABEL
- \*SBC – SERVICE BULLETIN COMPLIANCE
- \*OTH – OTHERS

# WORK ORDER



To: GALAXY AEROSPACE (M) SDN. BHD.

**Address:** Lot 11-14, MRO Centre, Malaysia  
International Aerospace Centre, SAAS Airport,  
Subang  
Malaysia

**Attention:** Mr. Syafrul Yamani  
Engineering Manager  
syafrul@galaxyaerospace.my

**Work Order Number:** 2023-16715

**Work Pack Reference:** 9M-BOB-16715

**Date Issued:** 08/08/2023

**A/C Registration / SN:** 9M-BOB/11212

**Sheet:** 1 of 1

**Description:**

| Item | Description/Task/Inspection   | Reference  | Man Hours                   |
|------|---|--|-----------------------------|
| 1    | EASA AD NO. 2023-0105, NEW ISSUE // ASB NO. 109EP-180, NEW ISSUE PART I - ATA 64 – TAIL ROTOR – TAIL ROTOR DUPLEX BEARING HOUSING AND SLIDER GROUP ASSEMBLY – REPLACEMENT<br><br><i>DUE AT 3903:33 FH // 20-SEP-23</i><br><br><i>REVISED ON 11-SEP-23</i> | EASA AD NO. 2023-0105 REV./ DTD 23-MAY-23, ASB NO. 109EP-180 REV./ DTD 21-MAR-23 | <u>28.0</u> (PLEASE ADVISE) |

**Remark/Notes:**

- State this Work Order reference on your Work Package. Should there is any additional job/defect (unless specified in the work package) the maintenance organization must notify GAM Continuing Airworthiness Manager prior to proceed with rectification.
- Work must be carried out in accordance with approved data and perform by qualified personnel/ approved LAE from the maintenance organization.
- Parts used must be written in Parts Report Form and accompanied by ARC, Serviceable Label or equivalent document.
- Test report, parameter reading or any supporting data must be attached with the worksheet if applicable.
- The maintenance organization shall be responsible for any damages made on the aircraft/ components during maintenance.
- Softcopy of completed Work Package shall be submitted or as mutual agreed and GAM Continuing Airworthiness Manager must be informed once the aircraft is Release to Service.
- Completed Work Package (original) must be submitted to GAM Continuing Airworthiness Manager office within 3 days of date of completion.

I hereby declare that an approved and up to date maintenance data has been referred for the issuance of this work order.

Thank you.  
Best Regards,

Zaty Nadhira Mohamed Zuhari  
Continuing Airworthiness Management Manager  
Email: zaty@galaxyaerospace.my



|   |                       |         |           |              |                              |
|---|-----------------------|---------|-----------|--------------|------------------------------|
| CLIENT/OWNER: JABATAN BOMBA DAN PENYELAMAT MALAYSIA | SERIAL NO.            | HOURS   | LDG/CYCLE | WORKPACK NO: | 9M-BOB-16715                 |
| AIRCRAFT TYPE: A109E                                | AIRCRAFT              | 11212   | 3846:27   | 4454         | WORK/INSP/DESC: AD 2023-0105 |
| REGISTRATION: 9M-BOB                                | #1 ENGINE: PCE-BC0308 | 1071:17 | -         | -            | AERONET JOB NO.: 2023-16715  |
| BASE/FACILITY: MIAT                                 | #2 ENGINE: PCE-BC0358 | 3049:57 | -         | -            | AJL REF NO.: 000121          |
| DATE IN: 11-9-2023 OUT: 18-9-2023                   |                       |         |           | NG / N1      | NF / N2                      |
|   |                       |         |           | SHEET:       | 1 OF 1                       |

|   |  |  |
|---|--|--|
| Reason for raising:<br>EASA AD NO. 2023-0105, NEW ISSUE // ASB NO. 109EP-180, NEW ISSUE PART I - ATA 64 - TAIL ROTOR - TAIL ROTOR DUPLEX BEARING HOUSING AND SLIDER GROUP ASSEMBLY - REPLACEMENT TO BE CARRIED OUT I.A.W. EASA AD NO. 2023-0105 REV./ DTD 23-MAY-23 & ASB NO. 109EP-180 REV./ DTD 21-MAR-23 | Raised by and date:<br>CAMO; Husnina<br>11/09/2023 | Other requirements/information:<br>NIL |
|---|--|--|

| List of scheduled inspection and all work carried out under this workpack including individual reference |   |               | DATE INSPECTION COMPLETED | Master Signature Schedule   |                        |           |
|--|---|---------------|---------------------------|-----------------------------|------------------------|-----------|
| NO.  | INSPECTION / WORK   | WORKSHEET REF |                           | NAME                        | SIGNATURE              | APP/STAMP |
| 1  | EASA AD NO. 2023-0105, NEW ISSUE // ASB NO. 109EP-180, NEW ISSUE PART I - ATA 64 - TAIL ROTOR - TAIL ROTOR DUPLEX BEARING HOUSING AND SLIDER GROUP ASSEMBLY - REPLACEMENT | 16715-001     | 18-9-2023                 | HASIFF                      | <i>Husnina</i><br>#01E |           |
|  |   |               |                           | <i>GAM</i><br>AKMAL HUBAYAT | <i>Alif</i>            | <br>8320  |
|  |   |               |                           |                             |                        |           |
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|  |   |               |                           |                             |                        |           |

**Galaxy Aerospace (M) Sdn. Bhd.**

*I hereby certify the following task has been performed and found satisfactory:*

**1) All the tools and equipment used for maintenance has been removed from aircraft. 2) All the access panels removed for maintenance access has been reinstalled. 3) All the excess spares and materials have been notified to AMO Planner for return plan. 4) FOD check has been done.**

Sign & Stamp: *Husnina* Date & Time: 18-9-23  
1800

**PART 145 - AMO RELEASE STATEMENT** AMO/2018/02  
THIS IS TO CERTIFY THAT ALL WORK LISTED ABOVE HAS BEEN INSPECTED AND ACCOMPLISHED IN ACCORDANCE WITH CONTRACTED AMO EXPOSITION AND PROCEDURE LATEST REVISION, AND

\* OEM PUBLICATION/REVISION AS PER REASON FOR RAISING ABOVE  
 \* IF DIFFERENT FROM ABOVE. OEM PUBLICATION/REVISION.....  
.....  
 \* TICK WHERE APPLICABLE

|                 |                |
|-----------------|----------------|
| NAME            | ADZRAEI HASIFF |
| SIGN & APPROVAL | <i>Husnina</i> |
| FIRM            | GAM            |
| DATE            | 18-9-2023      |







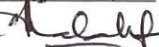

**PART M - CAMO ACCEPTANCE STATEMENT**  
THIS IS TO CERTIFY THAT THE ABOVE MENTIONED WORK PACKAGE HAS BEEN REVIEWED, CHECKED FOR COMPLETION AND UPDATED IN THE MAINTENANCE SOFTWARE.

|  |                 |          |
|--|-----------------|----------|
| NAME   | SIGN & APPROVAL | DATE     |
| NUR HUSNINA BINTI MUHAMAD ZURAJDI<br>CAMO Planner<br>Galaxy Aerospace (M) Sdn Bhd<br>(1040262-D) | <i>Husnina</i>  | 25/09/23 |



|   |                       |                |           |                 |                |
|---|-----------------------|----------------|-----------|-----------------|----------------|
| CLIENT/OWNER: JABATAN BOMBA DAN PENYELAMAT MALAYSIA | SERIAL NO.            | HOURS          | LDG/CYCLE | WORKSHEET NO:   | 16715-001      |
| AIRCRAFT TYPE: A109E                                | AIRCRAFT: 11212       | REFER WORKPACK |           | WORK/INSP/DESC: | AD 2023-0105   |
| REGISTRATION: 9M-BOB                                | #1 ENGINE: PCE-BC0308 | REFER WORKPACK |           | WORKPACK REF:   | 9M-BOB-16715   |
| BASE/FACILITY: MIAT                                 | #2 ENGINE: PCE-BC0358 | REFER WORKPACK |           | AJL REF NO.:    | REFER WORKPACK |
| DATE IN: REFER WORKPACK                             |                       |                | NG / N1   | SHEET:          | 1 OF 2         |
| DATE OUT: REFER WORKPACK                            |                       |                | NF / N2   |                 |                |

|   |  |  |
|---|--|--|
| Reason for raising:<br>EASA AD NO. 2023-0105, NEW ISSUE // ASB NO. 109EP-180, NEW ISSUE PART I - ATA 64 - TAIL ROTOR - TAIL ROTOR DUPLEX BEARING HOUSING AND SLIDER GROUP ASSEMBLY - REPLACEMENT TO BE CARRIED OUT I.A.W. EASA AD NO. 2023-0105 REV./ DTD 23-MAY-23 & ASB NO. 109EP-180 REV./ DTD 21-MAR-23 | Raised by and date:<br>CAMO: Husnina<br>11/09/2023 | Other requirements/information:<br>NIL |
|---|--|--|

| Item | Description  | Technician   | * Eng. CRS   | Date    |
|------|--|--|--|---------|
| 1    | <p><b>EASA AD 2023-0105 // ASB 109EP-180 PART I COMPLIANCE</b></p> <p>ATA 64 - TAIL ROTOR - TAIL ROTOR DUPLEX BEARING HOUSING AND SLIDER GROUP ASSEMBLY - REPLACEMENT</p> <p>SB DESCRIPTION: TO PERFORM THE INSTALLATION OF THE TAIL ROTOR DUPLEX BEARING HOUSING FOLLOWING THE IETP UPDATED INSTRUCTIONS</p> <p>AD PARA 1: FOR GROUP 1 HELICOPTERS; REPLACE THE AFFECTED PART WITH A SERVICEABLE PART IN ACCORDANCE WITH THE INSTRUCTIONS OF PART I OF THE ASB (SEE NOTE 1 OF THIS AD).</p> <p>NOTE 1: AFTER HAVING BEEN DISASSEMBLED IN ACCORDANCE WITH THE INSTRUCTIONS OF THE APPLICABLE AIRCRAFT MAINTENANCE MANUAL INSTRUCTIONS AND ASSEMBLED IN ACCORDANCE WITH THE INSTRUCTIONS OF THE UPDATED PROCEDURE (AS REFERENCED IN ANNEX A OF THE ASB), AN AFFECTED PART IS CONSIDERED TO BE A SERVICEABLE PART, AS DEFINED IN THIS AD.</p> <p>NOTE: DURING THE PROCEDURE, THE OPERATOR MUST OBEY THE LOCAL REGULATIONS APPLICABLE TO THE VITAL POINTS</p> <p>REFERENCE: EASA AD NO. 2023-0105 REV./ DTD 23-MAY-2023 &amp; ASB NO. 109EP-180 REV./ DTD 21-MAR-2023</p> <p>REMARKS: FOUND SCISSOR ATTACHMENT BUSHING WORN AND CHIPPING ON SLIDER ASSEMBLY. SLIDER ASSEMBLY REPLACED REFER VMC-BOB-23-ASB 109EP-180 PT 1 COMPLIED. SATISFACTORY.</p> | <p>Alif<br/>8320</p>  | <p>Husnina</p>    | 18-9-23 |
| 2    | <p>TO ASSEMBLE THE TAIL ROTOR HOUSING AND SLIDER ASSEMBLY</p> <p>REFERENCE: EASA AD NO. 2023-0105 REV./ DTD 23-MAY-2023 PARA 1 &amp; ASB NO. 109EP-180 REV./ DTD 21-MAR-2023 PARA 3 PART I STEP 5</p> <p>REMARKS: CARRIED OUT FOUND SATISFACTORY</p>   | <p>Alif<br/>8320</p>  | <p>Husnina</p>  | 18-9-23 |
| 2.1  | <p>THE INDEPENDENT INSPECTION FOR TASK ASSEMBLY OF THE TAIL ROTOR HOUSING AND SLIDER ASSEMBLY (CORRECT INSTALLATION, PROPER INSTALLATION AND SECURITY OF ATTACHMENT) CARRIED OUT IN ACCORDANCE WITH THE CAD 8601 PARA 5.12(3)</p> <p>1st Inspector Sign:  Approval/Stamp:  DATE: 18-9-23</p> <p>2nd Inspector Sign:  Approval/Stamp:  DATE: 18-9-23</p>  |  |  |         |

\*Certifies that the work specified above, except as otherwise specified, was carried out in accordance with CAA Malaysia Requirements and in respect to that work the aircraft / aircraft component is considered ready for release to service. **AMQ/2018/02**

\*Certifies that the work specified above, except as otherwise specified, was carried out in accordance with \_\_\_\_\_ and in respect to that work the aircraft / aircraft component is considered ready for release to service.

TICK  WHERE APPLICABLE

|                          |       |           |         |             |      |                      |                    |          |          |             |     |          |             |          |       |          |             |
|--------------------------|-------|-----------|---------|-------------|------|----------------------|--------------------|----------|----------|-------------|-----|----------|-------------|----------|-------|----------|-------------|
| PARTS LABELED & RETURNED | ISSUE | Duplicate | GRADING | FLIGHT TEST | TAGS | ADDITIONAL WORKSHEET | MAINTENANCE REPORT | PLANNING | DISPATCH | DATE UPDATE | LDG | APPROVAL | ENGINEERING | FRUITFUL | ISSUE | REVISION | MAINTENANCE |
|--------------------------|-------|-----------|---------|-------------|------|----------------------|--------------------|----------|----------|-------------|-----|----------|-------------|----------|-------|----------|-------------|



|   |                       |                |           |                 |                |
|---|-----------------------|----------------|-----------|-----------------|----------------|
| CLIENT/OWNER: JABATAN BOMBA DAN PENYELAMAT MALAYSIA | SERIAL NO.            | HOURS          | LDG/CYCLE | WORKSHEET NO:   | 16715-001      |
| AIRCRAFT TYPE: A109E                                | AIRCRAFT: 11212       | REFER WORKPACK |           | WORK/INSP/DESC: | AD 2023-0105   |
| REGISTRATION: 9M-BOB                                | #1 ENGINE: PCE-BC0308 | REFER WORKPACK |           | WORKPACK REF:   | 9M-BOB-16715   |
| BASE/FACILITY: MIAT                                 | #2 ENGINE: PCE-BC0358 | REFER WORKPACK |           | AJL REF NO.:    | REFER WORKPACK |
| DATE IN: REFER WORKPACK OUT: REFER WORKPACK         |                       |                |           | SHEET:          | 2 OF 2         |
|   |                       |                | NG / N1   |                 | NF / N2        |

Reason for raising:  
EASA AD NO. 2023-0105, NEW ISSUE // ASB NO. 109EP-180, NEW ISSUE PART I - ATA 64 - TAIL ROTOR - TAIL ROTOR DUPLEX BEARING HOUSING AND SLIDER GROUP ASSEMBLY - REPLACEMENT TO BE CARRIED OUT I.A.W. EASA AD NO. 2023-0105 REV./ DTD 23-MAY-23 & ASB NO. 109EP-180 REV./ DTD 21-MAR-23

Raised by and date:  
CAMO; Husnina  
11/09/2023

Other requirements/information:  
NIL

| Item | Description  | Technician          | * Eng. CRS         | Date    |
|------|--|---------------------|--------------------|---------|
| 3    | TO PERFORM THE INSTALLATION OF THE TAIL ROTOR HOUSING AND SLIDER ASSEMBLY<br><br>REFERENCE: EASA AD NO. 2023-0105 REV./ DTD 23-MAY-2023 PARA 1 & ASB NO. 109EP-180 REV./ DTD 21-MAR-2023 PARA 3 PART I STEP 6<br><br>REMARKS: CARRIED OUT FOUND SATISFACTORY.  | <i>Alif</i><br>8320 | <i>Husnina</i><br> | 18-9-23 |
| 3.1  | THE INDEPENDENT INSPECTION FOR TASK INSTALLATION OF THE TAIL ROTOR HOUSING AND SLIDER ASSEMBLY (CORRECT INSTALLATION, PROPER INSTALLATION AND SECURITY OF ATTACHMENT) CARRIED OUT IN ACCORDANCE WITH THE CAD 8601 PARA 5.12(3)<br><br>1st Inspector Sign: <i>Husnina</i> Approval/Stamp:  DATE: 18-9-23<br>2nd Inspector Sign: <i>Alif</i> Approval/Stamp:  DATE: 18-9-23            |                     |                    |         |
| 4    | TO PERFORM THE INSTALLATION ON THE HELICOPTER THE TAIL ROTOR HUB AND BLADES ASSEMBLY.<br><br>REFERENCE: EASA AD NO. 2023-0105 REV./ DTD 23-MAY-2023 PARA 1 & ASB NO. 109EP-180 REV./ DTD 21-MAR-2023 PARA 3 PART I STEP 7<br><br>REMARKS: CARRIED OUT AND FOUND SATISFACTORY.<br>FOR TAIL ROTOR DYNAMIC BALANCING REF UMC-BOB-23   | <i>Alif</i><br>8320 | <i>Husnina</i><br> | 18-9-23 |
| 4.1  | THE INDEPENDENT INSPECTION FOR TASK INSTALLATION ON THE HELICOPTER THE TAIL ROTOR HUB AND BLADES ASSEMBLY (CORRECT INSTALLATION, PROPER INSTALLATION AND SECURITY OF ATTACHMENT) CARRIED OUT IN ACCORDANCE WITH THE CAD 8601 PARA 5.12(3)<br><br>1st Inspector Sign: <i>Husnina</i> Approval/Stamp:  DATE: 18-9-23<br>2nd Inspector Sign: <i>Alif</i> Approval/Stamp:  DATE: 18-9-23 |                     |                    |         |

\*Certifies that the work specified above, except as otherwise specified, was carried out in accordance with CAA Malaysia Requirements and in respect to that work the aircraft / aircraft component is considered ready for release to service. **AMO/2016/02**

\*Certifies that the work specified above, except as otherwise specified, was carried out in accordance with \_\_\_\_\_ and in respect to that work the aircraft / aircraft component is considered ready for release to service.

TICK  WHERE APPLICABLE

|        |     |         |        |        |       |        |         |         |         |         |         |         |         |         |         |         |         |         |         |
|--------|-----|---------|--------|--------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| REP'D  | CC  | QUALITY | GROUND | FLIGHT | TRAIN | ACTUAL | PLANNED | PLANNED | PLANNED | PLANNED | PLANNED | PLANNED | PLANNED | PLANNED | PLANNED | PLANNED | PLANNED | PLANNED | PLANNED |
| AMOUNT | NO. | NO.     | NO.    | NO.    | NO.   | NO.    | NO.     | NO.     | NO.     | NO.     | NO.     | NO.     | NO.     | NO.     | NO.     | NO.     | NO.     | NO.     | NO.     |




|   |            |            |                |  |                 |                |
|---|------------|------------|----------------|--|-----------------|----------------|
| CLIENT/OWNER: JABATAN BOMBA DAN PENYELAMAT MALAYSIA<br>AIRCRAFT TYPE: A109E<br>REGISTRATION: 9M-BOB<br>BASE/FACILITY: MIAT<br>DATE IN: REFER WORKPACK OUT: REFER WORKPACK | SERIAL NO. | HOURS      | LDG/CYCLE      |  | WORKSHEET NO:   | 16715-001      |
|   | AIRCRAFT   | 11212      | REFER WORKPACK |  | WORK/INSP/DESC: | AD 2023-0105   |
|   | #1 ENGINE: | PCE-BC0308 | REFER WORKPACK |  | WORKPACK REF:   | 9M-BOB-16715   |
|   | #2 ENGINE: | PCE-BC0358 | REFER WORKPACK |  | AJL REF NO.:    | REFER WORKPACK |
|   |            |            |                |  | NG / N1         | NF / N2        |
|   |            |            |                |  | SHEET:          | 1 OF 1         |

|   |  |  |
|---|--|--|
| REASON FOR RAISING:<br>EASA AD NO. 2023-0105, NEW ISSUE // ASB NO. 109EP-180, NEW ISSUE PART I - ATA 64 - TAIL ROTOR - TAIL ROTOR DUPLEX BEARING HOUSING AND SLIDER GROUP ASSEMBLY - REPLACEMENT TO BE CARRIED OUT I.A.W. EASA AD NO. 2023-0105 REV / DTD 23-MAY-23 & ASB NO. 109EP-180 REV / DTD 21-MAR-23 | Raised by and date:<br>CAMO: Husnina<br>11/09/2023 | Other requirements/information:<br>NIL |
|---|--|--|

| Item | Part No               | Description | Serial Number |    | Qty | Position | Reason  | Lifed Item Information<br>TSN/TSO/DUE/TIMEX | Release Reference    |
|------|-----------------------|-------------|---------------|----|-----|----------|---------|---|----------------------|
|      |                       |             | Off           | On |     |          |         |   |                      |
| 1    | 109 - 0130 - 89 - 105 | SPACER      | -             | -  | 1   | TR       | CORRODE | -   | 9 00298              |
| 2    | 109-0130-30-1         | WASHER      | -             | -  | 1   | TR       | DISCARD | -   | GIN 1968             |
| 3    | NAS6604D16            | BOLT        | -             | -  | 3   | TR       | CORRODE | -   | GIN 4795<br>GIN 1757 |
| 4    | AN174C17              | BOLT        | -             | -  | 2   | TR       | CORRODE | -   | GIN 1757             |
| 5    | MS29561-119           | PACKING     | -             | -  | 1   | TR       | DISCARD | -   | GIN 356              |
| /    |                       |             |               |    |     |          |         |   |                      |

4  
18  
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|                |      |   |           |
|----------------|------|---|-----------|
| NAME           | FIRM | SIGN & APPROVAL   | DATE      |
| ADJRAEI HASIFF | GAM  | <i>Hasiff</i>  | 18.9.2023 |

- \*Certifies that the work specified above, except as otherwise specified, was carried out in accordance with CAA Malaysia Requirements and in respect to that work the aircraft / aircraft component is considered ready for release to service. **AMO/2016/02**
- \*Certifies that the work specified above, except as otherwise specified, was carried out in accordance with \_\_\_\_\_ and in respect to that work the aircraft / aircraft component is considered ready for release to service.

TICK  WHERE APPLICABLE


|               |     |        |       |          |       |            |            |            |            |            |            |            |            |            |            |            |            |            |
|---------------|-----|--------|-------|----------|-------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| FORM ATTACHED | EQP | REPAIR | GROUP | FUNCTION | CLASS | FUNCTIONAL | FUNCTIONAL | FUNCTIONAL | FUNCTIONAL | FUNCTIONAL | FUNCTIONAL | FUNCTIONAL | FUNCTIONAL | FUNCTIONAL | FUNCTIONAL | FUNCTIONAL | FUNCTIONAL | FUNCTIONAL |
|---------------|-----|--------|-------|----------|-------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|

|  |   |                                     |
|--|---|-------------------------------------|
| Please send to the following address:<br><br><b>LEONARDO S.p.A.</b><br>CUSTOMER SUPPORT & SERVICES - ITALY<br><br>PRODUCT SUPPORT ENGINEERING & LICENSES DEPT.<br>Via Giovanni Agusta, 520<br>21017 Cascina Costa di Samarate (VA) - ITALY<br>Tel.: +39 0331 225036 Fax: +39 0331 225988 | <b>SERVICE BULLETIN COMPLIANCE FORM</b> | Date: 18-9-2023<br><b>21-MAR-23</b> |
|  | Number:<br><b>109EP-180 (PART 1)</b>    |                                     |
|  | Revision:<br>./                         |                                     |

|   |  |
|---|--|
| Customer Name and Address:<br><b>GALAXY AEROSPACE (M) SDN BHD</b><br>Suite 11-14, Helicopter Centre.<br>Malaysia International Aerospace Centre,<br>Sultan Abdul Aziz Shah Airport, 47200, Subang,<br>SELANGOR DARUL EHSAN. | Telephone:<br><b>603-77347226</b>          |
|   | Fax:<br><b>603-77347226</b>                |
|   | B.T. Compliance Date:<br><b>18-09-2023</b> |


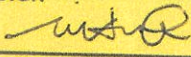

| Helicopter Model | S/N   | Total Number | Total Hours | T.S.O. |
|------------------|-------|--------------|-------------|--------|
| A109E            | 11212 | 1            | 3846:27     | -      |
|                  |       |              |             |        |
|                  |       |              |             |        |
|                  |       |              |             |        |
|                  |       |              |             |        |
|                  |       |              |             |        |


Remarks: **CARRIED OUT AND COMPLIED**  
**FOUND SATISFACTORY**

*Kusant*   
 18-9-2023

Information:

We request your cooperation in filling this form, in order to keep out statistical data relevant to aircraft configuration up-to-date. The form should be filled in all its parts and sent to the above address or you can communicate the application also via Technical Bulletin Application Communication Section placed in Leonardo AW Customer Portal - MyCommunications Area. We thank you beforehand for the information given.

|  |                  |   |
|--|------------------|---|
| <b>SERVICEABLE</b>   |                  | <b>Galaxy Aerospace</b>  |
| DESCRIPTION : SPACER   |                  |   |
| PART NO. : 109 - 0130 - 89 - 105   | QTY: 6           |   |
| SERIAL NO. : -   |                  |   |
| STATUS : <input type="checkbox"/> V/I/REPAIR/ <input type="checkbox"/> MOD/CAL/TEST/NEW/ <input type="checkbox"/> CONSUMABLE/ <input type="checkbox"/> GSE |                  |   |
| TSN : N/A  | TSO : N/A        |   |
| SHELF DUE/EXP DATE : N/A   |                  |   |
| INSPECTED BY: MUKAPRAMAH   |                  | GIN/ID. NO: 600298  |
| SIGN:   | DATE: 20/02/2020 |   |
|  |                  |                            |
| GAME-005   |                  |   |



|                          |   |                               |  |
|--------------------------|---|-------------------------------|--|
| SERVICEABLE TAG MATERIAL |  <b>AIR BERSEJARAH BERHAD</b><br>(A SUBSIDIARY COMPANY OF AEROSPACE INDUSTRIES MALAYSIA)<br>Subang International Airport, Selangor, Malaysia. Telex : MA 37910 |                               |  |
|                          | <b>Serviceable Tag Material</b>   |                               |  |
|                          | PART NUMBER<br>109 - 0130 - 89 - 105  | NEXT INSPECTION DUE/OVER      | CONDITION CODE   |
|                          | DESCRIPTION/NOUN<br>SPACER  |                               |  |
|                          | SERIAL No./LOT No.<br>-   | INSPECTION ACTIVITY<br>AGUSTA |  |
|                          | QUANTITY<br>02  | UNIT OF ISSUE<br>EA           | * RELEASE NOTE/APPROVED CERTIFICATE/ARC NO:<br>AGU - 2003 - 11394D |
|                          | REMARKS<br>PERB/PK/2001-01BE/03-0001  |                               |  |
|                          | * DELETE AS APPROPRIATE   |                               |  |







# SERVICEABLE







**GalaxyAerospace**  
precision repair • overhaul

|                        |   |   |
|------------------------|---|---|
| ITEM ID: 28000         |   |   |
| DESCRIPTION: WASHER    |   |   |
| PART NO: 109-0130-30-1 | QTY: 4.00   |   |
| SERIAL NO:             | BIN: V-05-04  |   |
| CONDITION: NE          | LOCATION: WAREHOUSE BONDED  |   |
| TSN:                   | TSO:  |   |
| SHELF DUE / EXP DATE:  |   |   |
| JOB ID: 0              | PO ID: 3441   | SIGN: <br>14/09/2021 |
| GIN / ID. NO: GiN1968  | APPROVAL:  |   |

GAM/E-005 Rev 2 (01/21)




|                       |            |           |  |   |
|-----------------------|------------|-----------|--|---|
| <b>SERVICEABLE</b>    |            |           |   | <b>GalaxyAerospace</b><br>maintenance . repair . overhaul  |
| ITEM ID:              | 54993      |           |  |   |
| DESCRIPTION:          | BOLT       |           |  |   |
| PART NO:              | NAS6604D16 | QTY:      | 6.00   |   |
| SERIAL NO:            |            | BIN:      | --   |   |
| CONDITION:            | NE         | LOCATION: | WAREHOUSE BONDED   |   |
| TSN:                  | N/A        | TSO:      | N/A  |   |
| SHELF DUE / EXP DATE: | N/A        |           |  |   |
| JOB ID:               | 17047      | PO ID:    | SIGN:  |   |
| GIN / ID. NO:         | GiN4795    | APPROVAL: | <br><br>15/09/2023 |   |


GAM/E-005 Rev 2 (01/21)

|                       |             |           |  |   |
|-----------------------|-------------|-----------|--|---|
| <b>SERVICEABLE</b>    |             |           |   | <b>GalaxyAerospace</b><br>maintenance . repair . overhaul  |
| ITEM ID:              | 54701       |           |  |   |
| DESCRIPTION:          | PACKING     |           |  |   |
| PART NO:              | MS29561-119 | QTY:      | 1.00   |   |
| SERIAL NO:            | N/A         | BIN:      | C-10-04  |   |
| CONDITION:            | NE          | LOCATION: | WAREHOUSE BONDED   |   |
| TSN:                  | N/A         | TSO:      | N/A  |   |
| SHELF DUE / EXP DATE: | 01/06/2034  |           |  |   |
| JOB ID:               | 16963       | PO ID:    | SIGN:  |   |
| GIN / ID. NO:         | GIN356      | APPROVAL: | <br><br>24/03/2021 |   |

GAM/E-005 Rev 2 (01/21)

DOG BONE  
BOLT

|                       |          |  |   |
|-----------------------|----------|--|---|
| <b>SERVICEABLE</b>    |          |         | <b>GalaxyAerospace</b><br>maintenance . repair . overhaul                         |
| ITEM ID:              | 28200    |  |   |
| DESCRIPTION:          | BOLT     |  |   |
| PART NO:              | AN174C17 | QTY:   | 5.00  |
| SERIAL NO:            |          | BIN:   | D-13-3 --   |
| CONDITION:            | NE       | LOCATION:  | WAREHOUSE BONDED  |
| TSN:                  |          | TSO:   |   |
| SHELF DUE / EXP DATE: |          |  |   |
| JOB ID:               | 0        | PO ID:   | 3381  |
|                       |          | SIGN:  |   |
| GIN / ID. NO:         | GIN1757  | APPROVAL:  |  |

Certified True Copy of the Original  
Qty : 20  
Signature :   
Date : 11-9-23  
Galaxy Aerospace (M) Sdn. Bhd.

GAME/E-005 Rev.2

1. Approving National Aviation Authority / Country  
E.N.A.C. a member of JAA (ITALY)

**AUTHORIZED RELEASE CERTIFICATE**  
**JAA FORM ONE**



3. Form Tracking Number  
AGJ2003-11394/D

4. Approved Organisation Name and Address:

5. Work Order/Contract/Invoice

RIF. PACK. I. N. 0124782

| 6. Item | 7. Description             | 8. Part. No.    | 9. Eligibility(*) | 10. Q. ty | 11. Serial/Batch No. | 12. Status/Work  |
|---------|----------------------------|-----------------|-------------------|-----------|----------------------|------------------|
| 00019   | LOCK WASHER                | 109-0130-49-1   | A109              | 2,00      | N.A.                 | MANUFACTURED     |
| 00020   | ROCKER ARM ASSY            | 109-0130-60-3   | A109              | 2,00      | N.A.                 | INSPECTED/TESTED |
| 00021   | WASHER                     | 109-0130-82-1   | A109              | 2,00      | N.A.                 | MANUFACTURED     |
| 00022   | BOOT, DUST AND MSTRSE SEAL | 109-0130-83-3   | A109              | 2,00      | N.A.                 | INSPECTED/TESTED |
| 00023   | BOOT, DUST AND MSTRSE SEAL | 109-0130-84-3   | A109              | 2,00      | N.A.                 | INSPECTED/TESTED |
| 00024   | SPACER                     | 109-0130-89-105 | A109              | 2,00      | N.A.                 | INSPECTED/TESTED |
| 00025   | TAIL ROTOR SLEEVE ASSY     | 109-0130-90-121 | A109              | 2,00      | J47271               | INSPECTED/TESTED |
| 00026   | PITCH CHANGE SLIDER ASSY   | 109-0130-91-105 | A109              | 1,00      | J47272               | MANUFACTURED     |
| 00027   | REAR HALF-SCISSOR ASSY     | 109-0130-92-101 | A109              | 1,00      | C5001                | MANUFACTURED     |
| 00028   | FRONT HALF-SCISSOR         | 109-0130-93-103 | A109              | 1,00      | N.A.                 | MANUFACTURED     |
| 00029   | BEARING                    | 109-0130-95-103 | A109              | 1,00      | N.A.                 | MANUFACTURED     |
| 00030   | BOOT                       | 109-0130-96-101 | A109              | 4,00      | N.A.                 | INSPECTED/TESTED |
| 00031   | BOOT                       | 109-0130-98-101 | A109              | 1,00      | N.A.                 | INSPECTED/TESTED |
| 00032   | BEARING, SLEEVE            | 109-0131-19-3   | A109              | 1,00      | N.A.                 | INSPECTED/TESTED |
| 00033   | WASHER                     | 109-0131-25-1   | A109              | 4,00      | N.A.                 | MANUFACTURED     |
| 00034   | WASHER                     | 109-0131-25-5   | A109              | 2,00      | N.A.                 | MANUFACTURED     |
| 00034   | WASHER                     | 109-0131-25-5   | A109              | 2,00      | N.A.                 | MANUFACTURED     |

PAG. 3 DI PAG. 11

14. Certifies that the items identified above were manufactured in conformity to:

approved design data and are in condition for safe operation

non-approved design data specified in block 13

19.  JAR-145.50 Release to Service  Other regulation specified in block 13

Certifies that unless otherwise specified in block 13, the work identified in block 12 and described in block 13, was accomplished in accordance with JAR 145 and in respect to that work the items are considered ready for release to service.

15. Authorised Signature

16. Approval/Authorisation Number  
POA RAI.G.007

17. Name  
ENR0000

18. Date (d/m/y)  
29/04/2003

20. Authorised Signature

21. Certificate/Approval Ref. No.  
RAI - 221

22. Name

23. Date (d/m/y)

(\*) Installer must cross-check eligibility with applicable technical data

Approving Competent Authority/Country

ENAC - ITALY

2. AUTHORIZED RELEASE CERTIFICATE

EASA FORM 1

3. Form Tracking Number

19/0974/MOR/AOT

Approved Organization Name and Address:

Ioreggia & C. S.p.A. Via Fratelli Bandiera 9 - 80026 Casoria

5. Work Order/Contract/Invoice

4801986270

7. Description

1 WASHER

8. Part No.

109-0130-30-1

9. Qty

477

10. Serial No.

N/A

11. Status/Work

NEW

Remarks

Items manufactured in accordance to dwg 109-0130-30-1 REV.C1 W/O 971724/0  
Partially of conformity n. 003571  
Production Organisation Approved according to Part 21, Section A, Subpart G

1a. Certifies that the items identified above were manufactured in conformity to:

Approved design data and are in a condition for safe operation

Non approved design data specified in block 12

b. Authorised Signature

13c. Approval/Authorisation Number

IT.21G.0019

d. Name

Ivatore Rubino

13e. Date (dd:mmm,yyyy)

23.JUL.2019

USER / INSTALLER RESPONSABILITIES

This certificate does not automatically constitute authority to install the item(s).  
The user / installer performs work in accordance with the regulations of an airworthiness authority different from the airworthiness authority specified in block 1.  
Items in block 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user / installer for the aircraft may be flown.

14a.  Part 145.A.50 Release to Service

Other regulation specified in block 12

Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and is respect to that work the items are considered ready for release to service

14b. Authorised Signature

14c. Certificate/Approval/Reference Number

14d. Name

14e. Date (dd:mmm,yyyy)



MAC FASTENERS, INC.  
1110 ENTERPRISE  
OTTAWA, KANSAS 66067

**CERTIFICATE OF CONFORMANCE  
AND  
MANUFACTURER'S AFFIDAVIT**

CUSTOMER KLX AEROSPACE SOLUTIONS

PO: 0037H21

PART NUMBER: AN174C17

REV: 7

LOT NUMBER: 85884

MANUFACTURED QUANTITY: 3,000

MILL HEAT NUMBER: 269891

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant

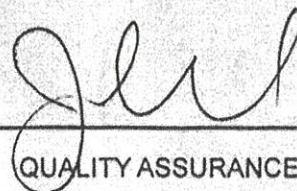
**MERCURY FREE CERTIFICATION**

MacFasteners certifies that the parts referenced in the above lot number do not contain Mercury or Mercury compounds, and were manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC FASTENERS within the United States, and were processed in accordance with all applicable drawings and specifications. Objective evidence of compliance is on file, subject to examination upon request.

Mac Fasteners is a DISC QSLM approved Manufacturer - CAGE Code 0RFT4  
Mac Fasteners is an Airbus approved Supplier - 203399

DATE: 04/21/17



QUALITY ASSURANCE REPRESENTATIVE



Boeing Distribution Services Inc.

P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191  
Plant Location: 3760 W. 108th Street, Miami, FL 33018 • SITA, MIAMMCR  
www.BoeingDistribution.com

Shipped From: 3760 W. 108TH ST DOOR B, MIAMI, FL 33018

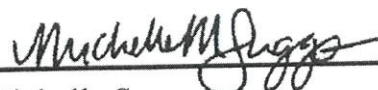
**Material Certification**

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to Boeing Distribution Services.

**FIRM: BOEING DISTRIBUTION, INC.**

**PURCHASE ORDER#: 46605055001**

| LINE#                       | QUANTITY | U/M | PART-NUMBER | CUST REP#  | LOT-NUMBER | MANUFACTURER         | CCODE | Eff Date | EXP DATE |
|-----------------------------|----------|-----|-------------|------------|------------|----------------------|-------|----------|----------|
| 01                          | 255      | EA  | NAS6604D16  | NAS6604D16 | 334043     | CALIFORNIA SCREW PRO | 8Z507 |          |          |
| BDSI CTRL/LOT # :2019B22235 |          |     |             |            |            |                      |       |          |          |

  
Michelle Suggs  
Quality Leader

Inv #KE6AXX 06/29/22

ADPTE THIL DATOR  
 D'PAGE - HUB PLUG

PART OR MATERIAL CERTIFICATION FORM

2. Seller's Name: PROPONENT  
 3. Reference No. 5809511-00

4. Organization Address: 3120 E. Enterprise Street  
 Brea, CA 92821 U.S.A  
 Phone: (714)223-5400  
 FAX: (714)996-3490  
 SITA Code: CVRKKCR

5a. Contact No (Seller) 5809511-00  
 5b. Contact No. (Buyer) 46176498001

| 6. Item | 7. Description | 8. Manufacturer & Part No. | 9. Eligibility | 10. Qty. | 11. Serial/Batch No. | 12. Status/Work |
|---------|----------------|----------------------------|----------------|----------|----------------------|-----------------|
| 1       | PACKING        | MS29561-119<br>PARCO INC.  |                | 213      | 570720<br>588318-02  | NEW             |

13a. Remarks

Shipped To: AVIALL CENTRAL WAREHOUSE  
 Date of MFR: 2Q2019

13b. Obtained From: PARCO INC.  
 13c. Last Cert. Agency

14. New-Used Parts/Material Certification.  
 The following signature attests that the part(s) or Material(s) identified above was (were) manufactured by an FAA approval holder and inspected in accordance with established industry of U.S. specification, and/or the airworthiness regulations of the country of origin.

15. Signature  
*Pete Curti*

16. Name: PETE CURTI, CORPORATE VICE PRESIDENT OF QUALITY  
 17. Date: 06/20/19  
 19. Signature  
 20. Name  
 21. Date

The requirement for a signature on this form is by design and is such that it is binding from a legal standpoint, should the seller of a part or material complete the document and in any way misrepresent, lie or err in the information provided, the holder is liable for legal judgement and in some cases criminal persecution.



# Tools Report



|                            |        |                      |              |
|----------------------------|--------|----------------------|--------------|
| <b>Aircraft Serial No:</b> | 11212  | <b>Work Pack No:</b> | 9M-BOB-16715 |
| <b>Aircraft Type:</b>      | A109E  | <b>DESC:</b>         | AD 2023-0105 |
| <b>Aircraft Reg:</b>       | 9M-BOB | <b>PAGE:</b>         | 1 Of 1       |

| Description                        | Part No   | Serial Number | Worksheet Ref No. / Item No. | Calibration Due Date |
|------------------------------------|-----------|---------------|------------------------------|----------------------|
| VERNIER CALIPER                    | 1205-1505 | 1610200456    | 16715-001                    | 2 MARCH 2024         |
| TORQUE WRENCH<br>(10-50 in lbs)    | J6060B    | A100402       | 16715-001                    | 2 MAY 2024           |
| TORQUE WRENCH<br>(200-1000 in lbs) | 6066C     | DVA 68440     | 16715-001                    | 5 JAN 2024           |
| TORQUE WRENCH<br>(600-3000 in lbs) | 6072C     | OVE 25092     | 16715-001                    | 11 AUG 2024          |
| TORQUE WRENCH<br>(40-200 in lbs)   | 6064C     | DMT 52449     | 16715-001                    | 31 DEC 2023          |